APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/823,132	04/13/2004	Robert Chojnacki	N0195US	4831

37583   7590   09/01/2009
NAVTEQ NORTH AMERICA, LLC
425 West RANDOLPH STREET
SUITE 1200, PATENT DEPT
CHICAGO, IL 60606

EXAMINER
PERUNGAVOOR, VENKATANARAY

ART UNIT	PAPER NUMBER
2432	

MAIL DATE	DELIVERY MODE
09/01/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _23 December 2008_.
2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _29,30,32-45 and 47-49_ is/are pending in the application.
   4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) _29-30,37-41,43-45,47-49_ is/are rejected.
7) ☒ Claim(s) _33-36,42_ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All   b) ☐ Some * c) ☐ None of:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____.
      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 12/23/2008 have been fully considered but they are not persuasive.

The Applicant argues that the recently amended independent claim recite the indices contained in the first encrypted portion that are needed to access the second portion are absent in cited prior art.

The Examiner respectfully disagrees. IBM discloses the transforming of plaintext block into a masked block where the bit are dependent of each other and further encrypting portion of these masked plaintext to generate a ciphertext block see Col 4 Ln 5-16. This transformation is done using additional information, i.e. indices, that is used in masking that is later encrypted see Col 4 Ln 46-49(encrypted versions of additional information is also disclosed see Col 3 Ln 20-34). The transforming, i.e. masking , of plaintext creates dependencies of data amongst each other, similar to claimed invention, where the indices from the first part reference data in the second part.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 44 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite

for failing to particularly point out and distinctly claim the subject matter which applicant

regards as the invention.

The Claim recites a "data product stored on a medium", but the said medium is

never accurately disclosed in the specifications. The Examiner suggests the claim read

" storage medium", to more accurately reflect that is stored on a tangible medium, as

opposed to other medium, i.e. carrier waves, infrared, etc.

Claim Rejections - 35 USC § 102

Claims 29-32 38, 40-41,43-44, 46-48 are rejected under 35 U.S.C. 102(b) as being

anticipated by EP 792041 to IBM.

Regarding Claim 29, IBM discloses receiving a secured data product comprising an

encrypted first portion the product and an unencrypted second portion of the data

product, wherein said first portion of data product comprises indices into data contained

in the second portion of the data product said encrypted first portion unusable by the

computing platform before decrypting said encrypted first portion, and said unencrypted

second portion being unusable by the computing platform before decrypting said

encrypted first portion see Col 10 Ln 30-45 & Col 5 Ln 8-13; decrypting said encrypted

first portion with a decryption key to obtain said indices into data contained in the

second portion see Fig. 6 item 610; and executing an application program on the

computing platform to use the data product including both the decrypted first portion and

the second portion for an intended purpose, wherein to use the data product for said

intended purpose said indices are used to obtain said data contained in the second

portion of the data product, wherein said application program is not included with said

data product, wherein said application, program being installed on said computing

platform prior to said step of receiving said secured data product see Col 11 Ln 30-37.

Regarding Claims 30, 40, IBM discloses the decompression parameters being used see

Col 6 Ln 44-51.

Regarding Claims 31, 46, IBM discloses the portion containing indices into data

contained in the second portion see Fig. 3.

Regarding Claims 32, 47, IBM discloses the global data containing data product as a

whole see Fig. 1.

Regarding Claims 41, 43, 48, IBM discloses the encrypted authorization key and

decrypting the key to obtain the verification information having ID codes see Fig. 6.

Regarding Claim 38, IBM discloses a processor see Fig. 2 item 238; a data storage

medium coupled to said processor, the data storage medium holding a set of data

comprising an encrypted first portion era data product and an unencrypted second

portion of the data product wherein the first portion comprises critical data that enables

use of the data product, whererin said critical data is not decryption key, wherein the

first portion of the data product being unusable by the computing platform before

decrypting said encrypted first portion and the second portion of the data product

unusable before decrypting the first portion of the data product see Col 10 Ln 30-45 &

Col 5 Ln 8-13 (where the unencrypted portion contains data needed for decrypting); and

a routine executable by the processor for decrypting the encrypted first portion of the

data product see Col 6 Ln 34-43, thereby enabling a program executable by said

processor to use the data product including both the first portion and the second portion

for an intended purpose, wherein said program is not included with said data product

see Col 11 Ln 30-37.

Regarding Claim 44, IBM discloses an encrypted first portion Col 5 Ln 8-13; and

an unencrypted second portion wherein stud first portion comprises critical data that

when decrypted enables a program executed on a computing platform to use the data

product including both said first portion and said second portion for an intended purpose

, wherein said first portion comprises indices into data contained in the second portion

of the data product, wherein the encrypted first portion being unusable before

decrypting said encrypted first portion and the unencrypted second portion of the data

product not usable before decrypting the encrypted first portion of the data product to

obtain the indices see Col 10 Ln 30-45 & Col 5 Ln 8-13 (where the unencrypted portion

contains data needed for decrypting),, said program is not included with said data

product see Col 11 Ln 30-37.

Regarding Claim 49, IBM discloses dividing the database into a first portion and a

second portion, the first portion comprising at least some critical data, the second

portion not usable without the critical data in the first portion, wherein the critical data

are selected from the group consisting of: decompression parameters, indices, and

global data, wherein said critical data is not a decryption key see Col 10 Ln 30-45 & Col

5 Ln 8-13 & Fig. 6;

encrypting the first portion of the database including the critical data see Col 3 Ln 54-

Col 4 Ln 4;

sending to the client the encrypted first portion of the database, the unencrypted second

portion of the database, and a key for decrypting the first portion of the database,

wherein the first portion and the second portion of the database are not usable before

decrypting the first portion see Col 11 Ln 30-37.

Regarding Claim 50, IBM discloses the critical data being decompression parameters,

indices and global data see Fig. 1.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

Claim 39, 45 are rejected under 35 U.S.C. 103(a) as being unpatentable over EP

792041 to IBM in view of US Patent 6104815 to Alcorn et al.(hereinafter Alcorn).

Regarding Claims 39, 45, IBM does not disclose the decrypting the geographic

database. However, Alcorn discloses the decrypting the geographic database (where

the positional information is encrypted see Fig. 7b item "Receive & decrypt & Send time

& Pos. Info to Server"). It would be obvious to one having ordinary skill in the art at the

time of the invention to include the decrypting the geographic database in the invention

of IBM in order to send sensitive information to server and the server being able to

additional information(user, location and time validity test) as taught in Alcorn see Fig. 4.

Allowable Subject Matter

Claims 33-37, 42 are objected to as being dependent upon a rejected base

claim, but would be allowable if rewritten in independent form including all of the

limitations of the base claim and any intervening claims.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Venkat Perungavoor whose telephone number is

(571)272-7213. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/V. P./
Examiner, Art Unit 2432
August 11, 2009

/Jung Kim/
Primary Examiner, AU 2432